



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/582,524
Confirmation No.: Herewith
Filing Date: June 9, 2006
Inventor(s): Horsky, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket No.: 211843-00047
Title: Controlling the Flow of Vapors Sublimated from Solids

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This document is being filed pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

I. TIME OF FILING

- ☒ This document is being filed in accordance with 37 C.F.R. § 1.97(b) as it is believed to be filed:
- ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
 - ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
 - ☒ before the mailing of a first Office action on the merits; or
 - ☐ before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

OR

_____ This document is being filed in accordance with 37 C.F.R. § 1.97(c) as it is believed to be filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application. This Statement is accompanied by one of:

_____ the following statements; or

_____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

_____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

_____ The fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

OR

_____ This document is being filed in accordance with 37 C.F.R. § 1.97(d) as it is believed to be filed on or before the payment of the issue fee and is accompanied by one of the following statements and the fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

_____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

_____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Applicant(s) respectfully request that the documents listed on the attached Form PTO/SB/08A and/or Form PTO/SB/08B be considered and made of record.

OR

_____ It is requested that this Statement and enclosures be placed in the file. It is understood that the cited references will not be considered by the Office.

II. FOREIGN PATENT OFFICE COMMUNICATIONS (if applicable)

_____ One or more of the items of information contained in the information disclosure statement were cited in a communication from a foreign patent office in a counterpart foreign application.

_____ A copy of the search report is attached.

III. COPIES OF CITED REFERENCES

_____ Because this application was filed prior to June 30, 2003, copies of the document(s) listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

OR

X _____ Because this application was filed after June 30, 2003, copies of non-U.S. patent citations as listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

AND (if applicable)

_____ All cited U.S. pending (non-published) applications listed on Form PTO/SB/08A are stored in the USPTO's IFW system. Copies are therefore not provided.

OR

_____ One or more of the cited U.S. pending (non-published) applications (filed prior to June 30, 2003) as listed on Form PTO/SB/08A has not been stored in the USPTO's IFW system. Copies for the unstored applications are provided herewith.


IV. REMARKS

The above constitutes information that an Examiner may find material to the examination of the subject application; however, it does not negate the patentability of the subject invention. Furthermore, it is not intended that submission of this information be taken as a representation that a search has been made or that no information which is more material exists.

The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment with respect to this communication to Deposit Account No. 50-1214. A duplicate copy of this communication is enclosed.

Date: 8-17-06

By:


John S. Paniaguas
Attorney or Agent for Applicant(s)
Reg. No. 31,051

Complete if Known

(Use as many sheets as necessary)

Application Number	10/582,524
Filing Date	June 9,2006
First Named Inventor	Horsky, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-00047

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/B.S./		US 5,089,747	02-16-1990		
		US 5,097,179	01-25-1991		
		US 5,101,110	11-9-1990		
		US 5,129,958	05-23-1991		
		US 5,132,545	08-16-1990		
		US 5,144,147	08-28-1991		
		US 5,158,644	10-10-1991		
		US 5,186,120	12-04-1991		
		US 5,206,516	04-29-1991		
		US 5,262,652	06-15-1991		
		US 5,279,129	06-01-1992		
		US 5,281,302	01-14-1993		
		US 5,296,713	01-22-1993		
		US 5,306,921	03-02-1993		
		US 5,312,519	07-02-1992		
		US 5,350,926	03-11-1993		
		US 5,354,698	07-19-1993		
		US 5,362,328	01-07-1994		
/B.S./		US 5,369,279	08-20-1993		

[illegible]

06/20/2008

This collection of information is required by 37 CFR 157 and 198. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Complete if Known

(Use as many sheets as necessary)

Application Number	10/582,524
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-00047

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/B.S./		US 5,429,070	11-20-1992		
		US 5,451,258	05-11-1994		
		US 5,466,942	12-10-1993		
		US 5,486,235	08-09-1993		
		US 5,536,330	05-15-1995		
		US 5,554,854	07-17-1995		
		US 5,576,538	03-27-1995		
		US 5,616,208	06-07-1994		
		US 5,633,506	08-28-1995		
		US 5,661,308	05-30-1996		
		US 5,676,759	05-17-1995		
		US 5,685,916	07-07-1995		
		US 5,700,327	03-10-1995		
		US 5,714,738	07-10-1995		
		US 5,747,936	11-25-1996		
		US 5,751,002	01-30-1996		
		US 5,779,849	01-30-1997		
		US 5,780,863	04-29-1997		
/B.S./		US 5,785,796	12-24-1996		

[illegible]

06/20/2008

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Complete if Known

(Use as many sheets as necessary)

Application Number	10/582,524
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-00047

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if any)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/B.S.	US	6,160,262	10-21-1998		
	US	6,178,925 B1	09-29-1999		
	US	6,184,532 B1	05-22-1998		
	US	6,221,169 B1	05-10-1999		
	US	6,242,750 B1	11-25-1998		
	US	6,253,783	10-24-2000		
	US	6,259,105 B1	05-10-1999		
	US	6,271,529 B1	05-22-1998		
	US	6,288,403 B1	10-11-1999		
	US	6,313,475 B1	07-26-2000		
	US	6,335,534 B1	04-15-1999		
	US	6,338,312 B2	04-15-1998		
	US	6,355,933 B1	01-13-1999		
	US	6,423,976	05-28-1999		
	US	6,441,382 B1	05-21-1999		
	US	6,449,521 B1	09-18-1998		
	US	6,452,198 B1	06-28-2001		
	US	6,452,338	03-17-1999		
/B.S.	US	6,464,891 B1	03-17-1999		

[illegible]

06/20/2008

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11. The collection is estimated, to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Complete if Known

(Use as many sheets as necessary)

of

Application Number	10/582,524
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-00047

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind-Code ² (if known)			
/B.S.		US- 6,479,828 B2	12-15-2000		
		US- 6,486,431 B1	09-12-2000		
		US- 6,489,622 B1	03-01-2000		
		US- 6,498,348 B2	12-15-2000		
		US- 6,528,804 B1	03-13-2000		
		US- 6,545,419 B2	03-07-2001		
		US- 6,559,462 B1	10-31-2000		
		US- 6,614,033 B2	12-05-2001		
		US- 6,617,593 B2	12-04-2000		
		US- 6,620,256 B1	11-08-2000		
		US- 6,639,227 B1	10-18-2000		
		US- 6,653,643 B2	12-26-2001		
		US- 6,664,547 B2	05-01-2002		
		US- 6,670,623 B1	03-07-2001		
		US- 6,670,624 B1	03-07-2003		
		US- 6,686,601 B2	12-02-2002		
		US- 6,703,628 B2	05-23-2003		
		US- 6,710,358 B1	02-25-2000		
/B.S.		US- 6,712,084 B2	06-24-2002		

[illegible]

06/20/2008

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 8

of

Complete if Known

Application Number	10/582,524
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-00047

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/B.S./	US-	2003/0030010 A1	08-07-2001		
	US-	2004/0175160 A1	03-06-2003		
	US-	2005/0169828 A1	02-02-2005		
	US-	2005/0202657 A1	03-11-2005		
	US-	2005/0258380 A1	05-06-2005		
	US-	2005/0277246 A1	06-11-2005		
/B.S./	US-	2006/0017010 A1	07-22-2004		
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code* Number* Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	¹
/B.S./		WO 96/15545	11-13-1995			
		EP 0140975 A1	03-19-1984			
		EP 0474108 A1	08-28-1991			
		EP 0555 546 A1	12-15-1992			
		EP 0648861 A1	10-06-1994			
/B.S./		EP 0697 467 A1	07-10-1995			

Examiner
Signature

/Bernard Souw/

Date
Considered

06/20/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Complete if Known

(Use as many sheets as necessary)

Application Number	10/582,524
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-00047

[illegible]

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
/B.S.		Country Code* "Number" * "Kind Code" (if known) EP 0762469 A1	08-15-1996		
		JP 02-155147			
		JP 06-084837			
		JP 55-145338			
		JP 56-166935			
/B.S.		JP 56-026539			

Date Considered	06/20/2008
-----------------	------------

This collection of information is required by 37 CFR 1.57 and 1.58. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	10	of
-------	----	----

Complete if Known

Application Number	10/582,524
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	211843-00047

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ²
		Country Code* Number* Kind Code* (if known)				
/B.S./		JP-61-135037				

Examiner
Signature

06/20/2008

Date Considered

06/20/2008

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in performance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the year of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language. Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.